

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Stephen PALM

Group Art Unit : 2631

Appl. No. : 09/473,683

Examiner : Pankaj KUMAR

Filed : December 29, 1999

Confirmation No. : 1308

For : ACTIVATION OF MULTIPLE XDSL MODEMS WITH HALF AND  
A FULL DUPLEX PROCEDURES

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
U.S. Patent and Trademark Office  
220 20th Street S.  
Customer Window, Mail Stop \_\_\_\_\_  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

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AUG 19 2004  
Technology Center 2600

Sir :

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98,  
Applicant hereby calls to the Examiner's attention the following documents:

A copy of a Canadian Office Action mailed in related Canadian Patent  
Application No. 2,338,077 on June 18, 2004 is enclosed, in which the following  
documents were cited:

U.S. Patent No. 5,463,382 to NIKAS et al., which issued on October 31, 1995;  
and

U.S. Patent No. 5,377,188 to SEKI, which issued on December 27, 1994.

The relevancy of these documents are described in the Canadian Office Action.  
Applicant notes that copies of these documents were previously submitted and considered  
by the Examiner, and thus, copies of the patent are not enclosed herewith.

A copy of a Canadian Office Action mailed in related Canadian Patent Application No. 2,407,503 on July 5, 2004 is enclosed, in which the following document was cited:

U.S. Patent No. 5,163,131 to ROW et al., which issued on November 10, 1992.

The relevancy of this document is described in the Canadian Office Action. Applicant notes that a copy of this document was previously submitted and considered by the Examiner, and thus, a copy of the patent is not enclosed herewith.

A copy of a European Office Action mailed in related European Patent Application No. EP 03 007 771.3 on July 12, 2004 is enclosed, in which the following documents were cited:

European Patent Application Publication No. EP 0 974 202, which was published on January 26, 2000;

European Patent Application Publication No. EP 0 820 168, which was published on January 21, 1998;

U.S. Patent No. 5,479,447 to CIOFFI et al., which issued on December 26, 1995; and

U.S. Patent No. 4,679,227 to HUGHES-HARTOGS, which issued on July 7, 1987.

The relevancy of these documents are described in the European Office Action. Applicant notes that copies of these documents were previously submitted and considered by the Examiner, and thus, copies of these documents are not enclosed herewith.

A copy of a European Office Action mailed in related European Patent Application No. EP 03 007 772.1 on July 12, 2004 is enclosed, in which the following documents were cited:

"ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipment (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), which was published by the International Telecommunication Union in August, 1996;

U.S. Patent No. 5,493,609 to DAVIS et al., which issued on February 20, 1996;  
and

An article by K. KRECHMER at pages 63, 64 and 66 of Data Communications, McGraw Hill, NY, Vol. 23, No. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start?."

The relevancy of these documents are described in the European Office Action. Applicant notes that copies of these documents were previously submitted and considered by the Examiner, and thus, copies of these documents are not enclosed herewith.

A copy of a European Office Action mailed in related European Patent Application No. EP 03 007 773.9 on July 12, 2004 is enclosed, in which the following documents were cited:

"ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipment (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched

Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), which was published by the International Telecommunication Union in August, 1996;

U.S. Patent No. 5,493,609 to DAVIS et al., which issued on February 20, 1996;  
and

An article by K. KRECHMER at pages 63, 64 and 66 of Data Communications, McGraw Hill, NY, Vol. 23, No. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start?."

The relevancy of these documents are described in the European Office Action. Applicant notes that copies of these documents were previously submitted and considered by the Examiner, and thus, copies of these documents are not enclosed herewith.

A copy of a European Office Action mailed in related European Patent Application No. EP 03 007 777.0 on July 12, 2004 is enclosed, in which the following documents were cited:

"ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipment (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), which was published by the International Telecommunication Union in August, 1996;

International Patent Application Publication No. WO 98/10545, which was published on March 12, 1998;

An article by F. MESCAM, entitled "Introduction A La Procedure De Transmission HDLC", published at pages 69-73 of L'Onde Electrique, Vol. 53, No. 2 (February, 1973); and

An article by H. OHBA et al., entitled "End-to-End Protocol Based on CCITT X.25 and Its Implementation", published at pages 281-287 of Evolutions in Computer Communications, Kyoto September 26-29, 1978, International Conference On Computer Communication, Tokyo, Japan, Vol. CONF. 4, September 1978.

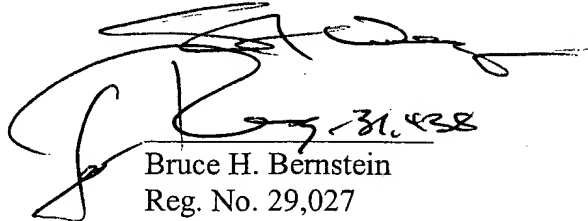
The relevancy of these documents are described in the European Office Action. Applicant notes that copies of these documents were previously submitted and considered by the Examiner, and thus, copies of these documents are not enclosed herewith.

Applicant respectfully requests that the Examiner consider the above materials and cite the documents. The documents noted above are listed on a PTO-1449 Form, which is also attached hereto. The Examiner is respectfully requested to initial the appropriate spaces on the attached PTO-1449 Form and to return a copy of the completed Form to Applicant with the next official communication in the present application to confirm consideration of these documents.

Applicant notes that the above documents were previously cited to the Examiner. Accordingly, Applicant submits that it is not necessary to submit any governmental fee for consideration of the previously cited and considered documents.

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully Submitted,  
Stephen PALM



Bruce H. Bernstein  
Reg. No. 29,027

August 16, 2004  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

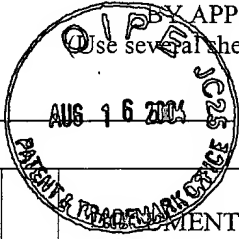
FORM PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
P18062Application No.  
09/473, 683

## INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

(Use several sheets if necessary)

Applicant  
Stephen PALMFiling Date  
December 29, 1999Group  
2631

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5 4 6 3 3 8 2	10/31/95	NIKAS et al			
	5 3 7 7 1 8 8	12/27/94	SEKI			
	5 1 6 3 1 3 1	11/10/92	ROW et al			
	5 4 7 9 4 4 7	12/26/95	CIOFFI et al			
	4 6 7 9 2 2 7	07/07/87	HUGHES-HARTOGS			
	5 4 9 3 6 0 9	02/20/96	DAVIS et al			

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## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	0 9 7 4 2 0 2	01/26/00	E.P.O			
	0 8 2 0 1 6 8	01/21/98	E.P.O			
98	/ 1 0 5 4 5	03/12/98	W.I.P.O			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	"ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipment (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), which was published by the International Telecommunication Union in August, 1996.
2	An article by K. KRECHMER at pages 63, 64 and 66 of Data Communications, McGraw Hill, NY, Vol. 23, No. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start?."
3	An article by F. MESCAM, entitled "Introduction A La Procedure De Transmission HDLC", published at pages 69-73 of L 'Onde Electrique, Vol. 53, No. 2 (February, 1973).
4	An article by H. OHBA et al., entitled "End-to-End Protocol Based on CCITT X.25 and Its Implementation", published at pages 281-287 of Evolutions in Computer Communications, Kyoto September 26-29, 1978, International Conference On Computer Communication, Tokyo, Japan, Vol. CONF. 4, September 1978.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.